	McLeansboro Group	Matoon Formation	Merom Sandstone Member	>			
			Cohn Coal Member	5			
		Bond Formation	Livingston Limestone Member	>	1		
			Riverview Limestone Member	>		Total Dissolved Solids (TDS) From	
			Fairbanks Coal Member	>			
			St. Wendel Sandstone Member			Selecte	ed Aquifers
			Carthage Limestone Member	$\rightarrow$			
		Patoka Formation	Parker Coal Member	>			
			Raben Branch Coal Member	>			
			Dicksburg Hills Sandstone Member	>			
			Vigo Limestone Member	>-		- 622 -	1,450 ppm
			Hazelton Bridge Coal Member	>			
			Inglefield Sandstone Member	>-	-	- 438 -	676 ppm
			Ditney Coal Member	>			
		Shelburn Formation	West Franklin Limestone Member	>			
			Pirtle Coal Member	>			
			Busseron Sandstone Member				
	Carbondale Group	Dugger Formation	Danville Coal Member	>			
			Universal Limestone Member	>			
0			Anvil Rock Sandstone Member				
]. <u></u>			Hymera Coal Member	>			
>			Providence Limestone Member	>			
ennsylvanian			Herrin Coal Member	>			ř
			Bucktown Coal Member	>			
0			Antioch Limestone Member	>			
			Alum Cave Limestone Member	>			
		Petersburg Formation	Springfield Coal Folsomville Coal	>			
			Stendal Limestone Member	>			
			Houchin Creek Coal Member	>			
		Linton Formation	Survant Coal Member	>			
			Velpen Limestone Member	>			
			Mecca Shale Member  Colchester Coal Member	$\geq$			
			Coxville Sandstone Member	$\leq$			
	Raccoon Creek Group	Staunton Formation	Seelyville Coal Member	>		LIC	
			Silverwood Limestone Member	>			SDW 
			Holland Limestone Member	$\leq$	Sea	Level	(estimated)
			Perth Limestone Member	>			ground level
		Brazil Formation	Buffaloville Coal Member				
			Upper Block Coal Member	>			
			Lower Block Coal Member	>			
		Mansfield	Lead Creek Limestone Member	>			
		Formation	Mariah Hill Coal Member	$\leq$		- 28,900	ppm
						el mendral necessement and annual mone	

Sandstone Member Blue indicates bedrock aquifer (Barnhart and Middleman, 1990 and Bobay, 1994)

TDS = Total Dissolved Solids in parts per million (ppm)

USDW = Lowermost Underground Source of Drinking Water

Source: modified from Shaver, R. H., and others 1986, Compendium of Rock—Unit Stratigraphy in Indiana, Department of Natural Resources Geological Survey Bulletin 59. (Barnhart and Middleman, 1990)



HOUSTON, TX. SOUTH BEND, IN. BATON ROUGE, LA.

PSI ENERGY, INC.
GIBSON GENERATING STATION

PENNSYLVANIAN STRATIGRAPHY SHOWING TDS AND USDW DATE: 12/30/04 | CHECKED BY: RJS | JOB NO: 6 DRAWN BY: EPH | APPROVED BY: RTB | DWG. NO: JOB NO: 60D5675